All claims currently pending and under consideration in the present application

are shown below. This listing of claims will replace all prior versions, and listings, of claims in

the application:

**Listing of Claims:** 

1. (Currently Amended) One or more <u>non-transitory</u> computer-storage media

having computer-executable instructions embodied thereon for performing a method of

automatically fulfilling orders for clinically related supplies, the method comprising:

automatically generating orders for clinically related supplies based upon

real time supply consumption data derived from documentation of at least one

clinical event generated while the clinical event is carried out, the supply

consumption data including items used or consumed during the at least one

clinical event, wherein the clinical event is carried out at a clinically related site

having a plurality of clinical departments; and

determining that a first subset of the clinically related supplies specified in

the orders are suitable for aggregation because the clinically related supplies are

non-time sensitive;

determining that a second subset of the clinically related supplies specified

in the orders are not suitable for aggregation because the clinically related

supplies are time sensitive;

without user intervention, accumulating a plurality of orders for the

clinically related supplies in the first subset for delivery from a vendor before

triggering delivery of the clinically related supplies in the first subset from the

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vendor, wherein the plurality of orders are received from more than one of the

plurality of clinical departments; and

without user intervention, triggering delivery of the clinically related

supplies in the second subset without aggregation.

2. (Previously Presented) The media according to claim 1, wherein the

clinically related site comprises at least one of a hospital facility, a research facility and a

government facility.

3. (Previously Presented) The media according to claim 1, wherein the

supply consumption data further includes at least one of clinically available quantities of surgical

devices, clinically available quantities of pharmaceuticals and clinically available quantities of

consumable material.

4. (Previously Presented) The media according to claim 1, wherein the

method further comprises generating the at least one clinical supply order based upon at least one

clinical quantity threshold.

5. (Previously Presented) The media according to claim 1, wherein the at

least one order for clinically related supplies comprises a purchase order.

6. (Previously Presented) The media according to claim 1, wherein the

supply consumption data further includes supply codes captured in the clinically related site.

7. (Previously Presented) The media according to claim 6, wherein the

supply codes comprise at least one of optically scanned bar codes, radio frequency identification

codes and manually entered codes.

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8. (Canceled)

9. (Previously Presented) The media according to claim 1, wherein the

clinically related supplies in the first subset are determined to be suitable for aggregation because

the clinically related supplies in the first subset are also categorized as non critical.

10. (Previously Presented) The media according to claim 1, wherein the at

least one order for clinically related supplies is associated with an individual patient supply

record.

11. (Previously Presented) The media according to claim 1, wherein the

clinically related supplies in the first subset are determined to be suitable for aggregation because

the clinically related supplies in the first subset are also categorized as receiving a favorable

purchase price when ordered in a batch.

12. (Previously Presented) The media according to claim 1, wherein the

method further comprises trigging delivery of the at least one order for clinically related supplies

based upon the at least one order for clinically related supplies and upon a set of rules, and

wherein the set of rules comprises a set of selectors based at least upon patient condition

information, patient demographic information and supply location information.

13. (Canceled)

14. (Canceled)

15. (Previously Presented) A method for automatically fulfilling orders for

clinically related supplies, comprising:

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tracking, at a computing device, a clinical supply inventory at a clinically

related site;

generating a pick ticket including a selection of clinically related supplies

for a clinical event;

retrieving the clinically related supplies from storage;

consuming the clinically related supplies during the clinical event;

updating a patient supply record in real time to generate real time supply

consumption data indicating the clinically related supplies that were consumed in

the clinical event;

automatically generating at least one order for the clinically related

supplies based on the real time supply consumption data derived from

documentation of the clinical event generated while the clinical event is carried

out, the supply consumption data including items used or consumed during the at

least one clinical event at the clinically related site;

determining that a favorable purchase price for at least one of the

clinically related supplies may be derived by aggregating orders for the at least

one of the clinically related supplies;

determining that the at least one of the clinically related supplies is also

non-time sensitive;

upon said determining that the favorable purchase price may be derived

and the at least one of the clinically related supplies is non-time sensitive, without

human intervention, accumulating additional orders for the at least one of the

clinically related supplies prior to triggering delivery; and

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triggering delivery of the at least one of the clinically related supplies after

accumulating multiple orders for the at least one of the clinically related supplies.

16. (Original) A method according to claim 15, wherein the clinically related

site comprises at least one of a hospital facility, a research facility and a government facility.

17. (Previously Presented) A method according to claim 15, wherein the

supply consumption data further includes at least one of clinically available quantities of surgical

devices, clinically available quantities of pharmaceuticals and clinically available quantities of

consumable material.

18. (Original) A method according to claim 15, wherein the step of

automatically generating at least one order comprises a step of generating the at least one clinical

supply order based upon at least one clinical quantity threshold.

19. (Original) A method according to claim 15, wherein the at least one order

for clinically related supplies comprises a purchase order.

20. (Previously Presented) A method according to claim 15, wherein the

supply consumption data comprises supply codes captured in the at least one clinically related

site.

21. (Original) A method according to claim 20, wherein the supply codes

comprise at least one of optically scanned bar codes, radio frequency identification codes and

manually entered codes.

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22. (Previously Presented) A method according to claim 15, wherein the at

least one order comprises a plurality of orders, further comprising a step of aggregating the

orders for clinically related supplies for delivery from a single vendor.

23. (Previously Presented) A method according to claim 22, wherein the

orders for clinically related supplies are accumulated for a plurality of clinical departments

within the clinically related site.

24. (Original) A method according to claim 15, further comprising a step of

associating the at least one order for clinically related supplies with an individual patient supply

record.

25. (Original) A method according to claim 15, wherein the triggering of

delivery of the at least one order for clinically related supplies comprises triggering delivery

based upon the at least one order for clinically related supplies and upon a set of rules.

26. (Original) A method according to claim 25, wherein the set of rules

comprises a set of selectors based at least upon patient condition information, patient

demographic information and supply location information.

27. (Previously Presented) A method for generating a set of clinically related

supplies generated for delivery, method comprising:

automatically generating, at a computing device, at least one order for

clinically related supplies based upon real time supply consumption data derived

from documentation of at least one clinical event generated while the clinical

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event is carried out, the supply consumption data including items used and/or

consumed during the at least one clinical event at a clinically related site;

determining that a favorable purchase price for at least one of the

clinically related supplies may be derived by aggregating orders for the at least

one of the clinically related supplies;

upon said determining, without human intervention, accumulating

additional orders for the at least one of the clinically related supplies prior to

triggering delivery; and

triggering delivery of the at least one of the clinically related supplies

based at least upon the at least one order for clinically related supplies.

28. (Previously Presented) The method according to claim 27, wherein the

clinically related site comprises at least one of a hospital facility, a research facility and a

government facility.

29. (Previously Presented) The method according to claim 27, wherein the

supply consumption data further includes at least one of clinically available quantities of surgical

devices, clinically available quantities of pharmaceuticals and clinically available quantities of

consumable material.

30. (Previously Presented) The method according to claim 27, wherein the

step of automatically generating at least one order comprises a step of generating the at least on

clinical supply order based upon at least one clinical quantity threshold.

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31. (Previously Presented) The method according to claim 27, wherein the at

least one order for clinically related supplies comprises a purchase order.

32. (Previously Presented) The method according to claim 27, wherein the

supply consumption data further includes supply codes captured in the at least one clinically

related site.

33. (Previously Presented) The method according to claim 32, wherein the

supply codes comprise at least one of optically scanned bar codes, radio frequency identification

codes and manually entered codes.

34. (Previously Presented) The method according to claim 27, wherein the at

least one order comprises a plurality of orders, and the method further comprises a step of

aggregating the orders for clinically related supplies for delivery from a single vendor.

35. (Previously Presented) The method according to claim 34, wherein the

orders for clinically related supplies are aggregated for a plurality of clinical departments within

the clinical site.

36. (Previously Presented) The method according to claim 27, wherein the

method further comprises a step of associating the at least one order for clinically related

supplies with an individual patient supply record.

37. (Previously Presented) The method according to claim 27, wherein the

triggering of delivery of the at least one order for clinically related supplies comprises triggering

delivery based upon the at least one order for clinically related supplies and upon a set of rules.

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(Previously Presented) The method according to claim 37, wherein the set 38.

of rules comprises a set of selectors based at least upon patient condition information, patient

demographic information and supply location information.